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TI Phenolic resin compositions
PA Sumitomo Bakelite Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
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DT Patent
LA Japanese
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CC 37-6 (Plastics Manufacture and Processing)
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AB Al(OH)3 can be added as a flame retardant to phenolic resol compn. without interfering with the crosslinking reaction if it is combined with **gypsum** in a ratio of 0.5-0.40:1. Resol phenolic resin 100, **water** 10, **gypsum** 100, Al(OH)3 15, and 60% aq. p-toluenesulfonic acid curing catalysts 15 parts were mixed and applied to a 300-g/m2 glass fiber mat, left overnight at 15.degree., then heated to 50.degree. for 2 h to obtain a reinforced plate .apprx.3-mm thick, which past the Japanese Transport Ministry flammability test.

ST **aluminum hydroxide** fireproofers phenolic resin; resol
flame retardant **aluminum hydroxide**; **gypsum**
aluminum hydroxide flame retardant; **calcium**
sulfate aluminum hydroxide fireproofers

IT Fireproofing agents
(**aluminum hydroxide-gypsum** mixts., for